

DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

P27NE  
Revision 2

SENENICH  
W80CM8  
W80DM series  
W80DR

December 15, 2003

TYPE CERTIFICATE DATA SHEET NO. P27NE

Propellers of models described herein conforming with this data sheet (which is part of Type Certificate No. P27NE) and other approved data on file with the Federal Aviation Administration, meet the minimum standards for use in certificated aircraft in accordance with pertinent aircraft data sheets and applicable portions of the Federal Aviation Regulations provided they are installed, operated and maintained as prescribed by the approved manufacturer's manuals and other approved instructions.

Type Certificate Holder                      Sensenich Wood Propeller Company, Inc.  
2008 Wood Court  
Plant City, Florida 33563

Type    Fixed-Pitch Wood  
Material                                        Wood (Birch)  
Number of Blades                          Two

Basic Model (See Note 2)	Takeoff & Max. Cont.		Diameter	Standard Pitch	Hub Drilling			Hub Dimensions		Weight (lb.) (Max. Dia.)
	HP	RPM			No. Holes	Dia. Holes	Dia. Bolt Circle	Dia.	Thick.	
W80CM8	180	2700	80"	55" - 35"	6	33/64"	4-3/4"	7-1/2"	3-5/8"	16.5
W80DM	160	2700	80"	52" -32"	6	25/64"	4-3/4"	6-1/2"	4"	14
W80DM7	160	2700	80"	52" -32"	6	29/64"	4-3/4"	6-1/2"	4"	14
W80DR	160	2700	80"	52"- 32"	8	25/65"	4-3/4"	6-1/2"	4"	14

Certification Basis:

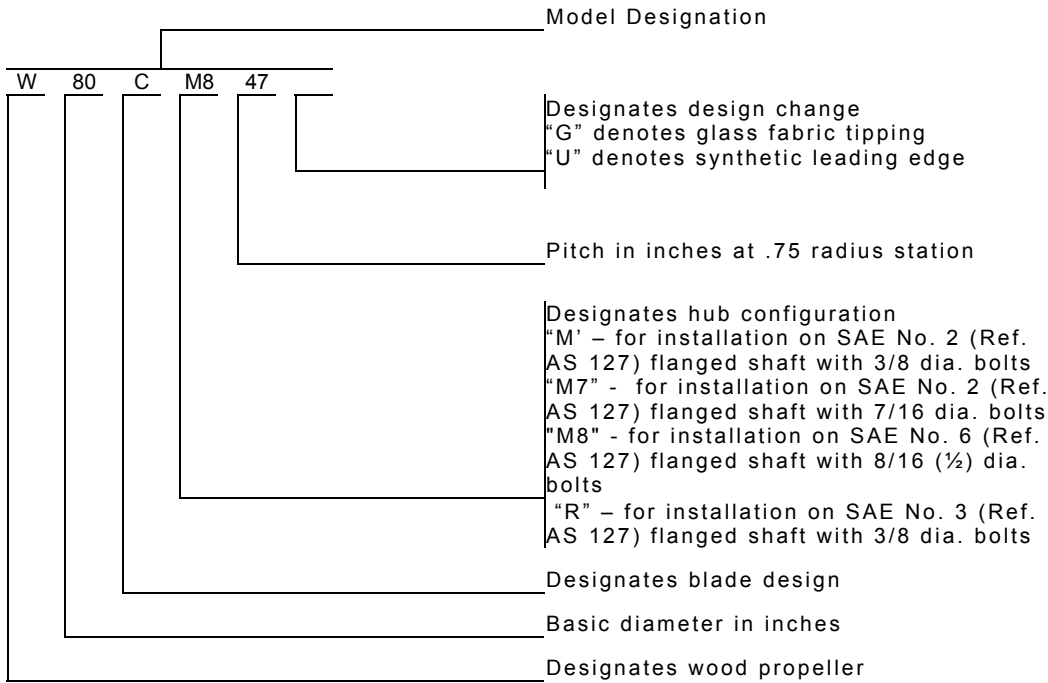
Model W80CM8; FAR 35 as amended through amendment 7, effective December 28, 1995.  
Models W80DM, W80DM7, W80DR; FAR35 as amended through amendment 6, effective August 18, 1989.

Production Basis:                                      Production Certificate No. 335CE

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- NOTE 1.    Installation.    Installation of wood propellers on flanged crankshafts must include a front plant of approximately the same area and thickness as the flange and AN bolts conforming to MIL-B-6812. See NOTE 7 for approved spacer lengths.
- a.    Propeller Model W80CM8 is installed on SAE No. 6 flanged shaft or spool spacer with 7" diameter mounting flange and a drive bushing protrusion into propeller hub from .375" - .750".
  - b.    Propeller models W80DM and W80DM7 are installed on SAE No. 2 flanged shaft.
  - c.    Propeller model W80DR is installed on SAE No. 3 flanged shaft.

NOTE 2.    Model Designation.



NOTE 3, 4, 5, 6, and 8.    Not applicable.

NOTE 7.    Extensions.

Propeller model W80CM8 is approved for spool type extensions up to and including 4.0".

NOTE 9.    Not applicable

... END ...